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APPENDIX A
Curriculum Vitae

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Education:

BS, Physics, 1966, MIT
PhD, Applied Physics, 1971 (advisor: T. H. Geballe)
Stanford University

Professional Experience:

2000 -	Director, Cornell Center for Materials Research
1996 -	John A. Newman Professor of Physical Science
1986-1996	Professor of Chemistry, Cornell University
1983-1986	Head, Solid State and Physics of Materials Research Dept., AT&T Bell Labs, Murray Hill, NJ
1981-1983	Head, Solid State Chemistry Research Dept., AT&T Bell Labs
1978-1981	Research Head, Chemical Physics Research Dept., AT&T Bell Labs
1971-1978	Member of Technical Staff, AT&T Bell Labs

Areas of Primary Scientific Interest:

Intermetallic Compounds; Fuel Cells; Cluster Compounds; Nitride Compounds; Solid State Chalcogenides;
Thermoelectric Materials;
Electrical and Magnetic Properties; Intercalation; High Energy Density Battery Materials; Structural Phase
Transitions and Charge Density Waves; Superconductivity

Organizations and Honors:

Member of the National Academy of Sciences
Fellow of the American Academy of Arts and Sciences
Fellow of the American Physical Society (APS)
APS International Prize for New Materials, 1991
Member of the American Chemical Society
Member of the Materials Research Society
NSF Traineeship, 1966-1970

Recent Professional Activities:

Solid State Sciences Committee, NRC, 2000 -
Council on Materials Sciences, DOE, 1999 -
National Materials Advisory Board, NRC, (1995 -1999)
Board of Trustees of the Gordon Research Conference, (1994-1999), Chairman of the Board, 1997
Associate Editor of the Journal of Alloys and Compounds
Associate Editor of Materials Research Bulletin
Advisory Editor of the Journal of Solid State Chemistry
Editorial Advisory Board, Journal of Physics and Chemistry of Solids
Nanotechnology, Supramolecular Science and Technology Board

Consulting: Superconducting Technologies, Inc., Santa Barbara, CA.
Symyx Technologies, Santa Clara, CA.

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Publications:

9 patents/applications concerning rechargeable lithium batteries, polymeric nano-composites, fuel-cell catalysts, and semiconductor materials

Over 370 publications in refereed journals